



Acer Predator Helios Neo 16 PHN16-71 I7-13700HX 16GB/1TB 4060 Intel® Core™ i7 Laptop 40.6 cm (16") WQXGA DDR5-SDRAM SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Black



Brand : Acer

Product family: Predator

Product code: NH.QLUEK.00A

Product name : PHN16-71 I7-13700HX 16GB/1TB 4060

16" IPS-LCD, LED, 2560x1600 WQXGA, 165Hz, 16:10, Intel Core i7-13700HX, 2.1GHz, 16GB DDR5 SDRAM, 1TB SSD M.2, PCIe, NVMe, Nvidia GeForce RTX 4060 8GB GDDR6, MicroSD, Wi-Fi 6, 1Gbps LAN, 1x HDMI, 1x USB 3.2 Gen.1 Type-A, 1x USB 3.2 Gen.1 Type-C, 2x USB 3.2 Gen.2 Type-A, 2x USB 3.2 Gen.2 Type-C, 1x RJ45, 90Wh Li-Ion, 330W, 2.6kg, Windows 11 Home
 Acer Predator Helios Neo 16 PHN16-71 I7-13700HX 16GB/1TB 4060. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700HX, Processor frequency: 2.1 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Black

Design		Graphics	
Product type *	Laptop	Discrete graphics card model *	NVIDIA GeForce RTX 4060
Product colour *	Black	Discrete graphics card memory	8 GB
Form factor *	Clamshell	Discrete graphics memory type	GDDR6
Market positioning	Gaming	On-board graphics card *	✓
Display		Discrete graphics card *	✓
Display diagonal *	40.6 cm (16")	On-board graphics card model *	Intel® UHD Graphics
Display resolution *	2560 x 1600 pixels	Audio	
Touchscreen *	✗	Number of built-in speakers	2
HD type	WQXGA	Built-in microphone	✓
Panel type	IPS	Camera	
Display technology marketing name	ComfyView	Front camera	✓
Native aspect ratio	16:10	Network	
Display surface	Matt	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Maximum refresh rate	165 Hz	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Processor		Ethernet LAN	✓
Processor manufacturer *	Intel	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor family *	Intel® Core™ i7	Bluetooth	✓
Processor generation	13th gen Intel® Core™ i7	Ports & interfaces	
Processor model *	i7-13700HX	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor cores	16	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor frequency *	2.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Efficient cores	8	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	3.7 GHz	Headphone outputs	1
Processor cache	30 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	Charging port type	DC-in jack
Processor base power	55 W	Keyboard	
Maximum turbo power	157 W	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	16 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory form factor	SO-DIMM		
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB		

Storage		Software	
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	1 TB	Battery life (max)	8 h
SSD interface	PCI Express	Power	
NVMe	✓	AC adapter power	330 W
SSD form factor	M.2	Security	
Optical drive type *	✗	Cable lock slot	✓
Card reader integrated	✓	Cable lock slot type	Kensington
Compatible memory cards	MicroSD (TransFlash)	Password protection	✓
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Weight *	2.6 kg

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 18-JUN-2024. Prints or copies of Information are only valid on the printed Publication date